

Montana and the Sky



Vol. 32, No. 9

MONTANA AERONAUTICS DIVISION

September, 1981

Safety Meeting/ Listening Session

The Federal Aviation Administration will present a Safety Meeting/Listening Session in Missoula on Wednesday evening, September 16, 1981, from 7:30 to 9:30 p.m., at the Holiday Inn.

This will be the only meeting of this magnitude in Montana this year. Mick Wilson, the Accident Prevention Specialist in Montana, will discuss winter operations, aviation accidents, takeoffs, and landings.

The second half of the program will be a "listening session" by Arthur Varnado, Rocky Mountain Regional Director; Karl Robinson, Chief, Flight Standards Division; Lou Monger, the Accident Prevention Coordinator; David Meyers, Public Affairs Officer; Paul Bohr, Chief, Airways Facilities Division; Frank Cunningham, Chief, Air Traffic Division; and Walter Barbo, Chief, Airports Division. Also on hand to answer questions pertaining to aviation will be Lloyd Adams and Bob Taylor, Chiefs of the Flight Standard District offices in Montana.

This session will also qualify pilots for a chance to win a \$50,000 airplane of their choice, and also a chance to win a certificate redeemable for \$100 worth of dual instruction.

This is your chance to ask those questions you have always wondered about!

FAA Features Gallatin Field

The unique architecture and sculptures in the Gallatin Field airport terminal have been featured in a recent publication of the Federal Aviation Administration.

Bozeman's airport was one of 24 included in the FAA's publication on "Design, Art and Architecture of Airports." The publication features some of the top designs in airports across the United States.

Gallatin Field's terminal was included because it "reflects the area

using native materials and a concern for the wilderness of the region."

Jim Dolan's sculpture "The Flight of the Geese," and the use of native stone in construction were cited as outstanding examples of airport design and use of art.

"The recently opened airport terminal makes striking use of native materials," the publication states. "Massive boulders from nearby quarries complement the laminated wood beam ceilings. A fireplace near the baggage claim area welcomes the winter travelers with a roaring wood fire."

Gallatin Field is one of the smallest airports featured in the FAA's publication.



Some of the antique aircraft at the MAAA Fly-In.

Administrator's Column

I would like to congratulate Frank and Billie Bass for hosting the fourth annual Montana Antique Airplane Association fly-in and air show at their beautiful Beacon Star Antique Airfield near Moore, Montana. The weather was beautiful, and most of those attending the three-day event enjoyed camping under the wings of their beloved airplanes.

Saturday afternoon many of the antiques flew a formation flight over Lewistown, which brought more attention to the live radio coverage being provided by Fred Lark of KXLO.

On Saturday evening a steak fry was sponsored by the Montana chapter of the Antique Aircraft Association, which was followed by a hangar dance. Music was provided by state fiddler champion Grant Radar and Larry and LaLonnie Larson.

On Sunday the air show was kicked off by the MSU Skydiving Team, followed by two aerobatic performances by Al Newby, "The Flying Grandfather" from Belgrade. Of particular interest was a new air show aerobatic performer, 81-year-old Gordon Sands of Havre. Gordon, who just a couple years ago decided to learn aerobatics and purchased a Great Lakes bi-wing airplane and took aerobatic lessons from his long-time friend, 68-year-old Al Newby. Gordon did a great job of thrilling the crowd. I am now convinced that you are never too old to embark on new adventures.

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The Montana Aeronautics Division participated in the Great Falls Aviation Appreciation Week August 17-23. We co-sponsored a safety seminar with the FAA on the 17th and participated in the MPA-CAP meeting on the 18th, the FAA-Ultralight meeting on the 20th, and the Airport Authority reception and press conference on the 21st. We also provided and manned a booth in the exhibitors area on Saturday and Sunday.

The entire week and air show resulted from a tremendous amount of work and effort by many dedicated people, and although it was disappointing to learn that a financial loss was incurred, this was the best overall air show I've seen. There were many renowned world champions performing, and it was their loss for those who did not attend this memorable event.

I would like to commend Ken Brewer, Doug Smith, the Great Falls Chamber of Commerce, the Airport Authority, and all who played a part in bringing the best air show the Northwest has ever seen to Great Falls.

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We have received word from the FAA that the Forest Service plans to change the status of the Sondreson airstrip at Polebridge from public use to restricted use and then to completely close the airstrip. I have written to the FAA, and Aeronautics Board Chairman Sammons has written to the United States Forest Service expressing our strong opposition to this proposal.

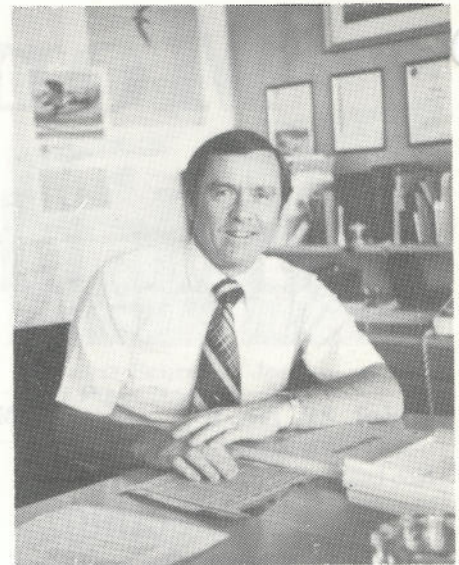
We feel that if the U.S. Forest Service pursues their plan, public hearings should be held to air the issues and receive input from the public.

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The Helena Vigilante Hangar will host the Montana Pilots Association Fall Fly-In in Helena on October 17. An air show is planned which will include aerobatics, flour bombing contest, spot landing contest, ultralight demonstration, skydiving, and a static display of antique airplanes, new airplanes, experimental airplanes and military aircraft.

The Montana chapter of the Antique Aircraft Association will support the MPA event by holding their fall fly-in and meeting in Helena on the same day. Both the MPA and MAAA will hold separate meetings in the Aeronautics Division Board Room during that day.

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Montana and the Sky
USPS 359 860
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Official Monthly Publication
of the
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MONTANA AND THE SKY is
published monthly in the interest of
aviation in the State of Montana.

Second-Class postage paid at
Helena, Montana 59604
Subscription \$2.00 per year
Editor: Diane L. DeRosier



Creative Press

Fall Fly-In Events Day

All aviation enthusiasts are invited to attend the Montana Pilots Association Fall Fly-In and Events Day at the Helena Airport on October 17. The Fly-In is sponsored by the Helena Hangar as part of the Helena Centennial Celebration.

Aerobatic demonstrations will be flown by Dennis Guilio, Boulder, and by Gary Blaine of Billings. Al Newby, Belgrade, will also perform if he is in Montana.

Demonstrations of skydiving, radio-controlled aircraft, and Ultralight aircraft will be given. Many antique, home-built, military and soaring aircraft will be on static display, and some will be flown. Helicopter rides will be offered, and competition will be held in spot landing and flour bombing events.

The MPA State Board Meeting will be held at the Aeronautics Division offices at 4:30 p.m., and a steak fry and hangar dance will be held in the Aeronautics hangar beginning at 6:00 p.m. All aviation enthusiasts and guests are welcome at the steak fry, but reservations will be helpful in ordering steaks. Reservations should be made with Mike Dougherty, 817 Dearborn, Helena 59601 (443-1664).

If you have an antique, classic, homebuilt, radio-controlled or other display aircraft, please let Mike know the make, year, horsepower, engine type, home base and owner so that signs can be made for them.

The Montana Antique Aircraft Association will meet on this day, and some antiques are expected to fly in. Membership in MAAA is open to anyone interested in old planes, and one does not need to own a plane to become a member. Contact Frank Bass, Moore, MT, for additional information (538-7616).

Helena Tower is in operation until 6:00 p.m. on Friday and between 8:00 a.m. and 4:00 p.m. on Saturday and Sunday. At other times, contact Great Falls FSS on 122.2 for Helena advisories.

CONGRATULATIONS!

FAA Certificates Issued Recently to Pilots

PRIVATE

Anderson, Michael, Sidney
Woods, James C., Billings
Rooney, Luana M., Billings
Melville, Arthur L., Hardin
Gigoux, Burton R., Billings
Mitchell, Carsie L., Big Horn
Butler, Douglas W., Port Alsworth,
Alaska

Friggstad, David O., Havre
Connor, Eric J., Scottsdale,
Arizona

Rijks, Derk A., Holland
Potts, Jr., William F., Kalispell
Wohl, Glen A., Missoula
Spitz, Joseph L., Missoula
Pew, George R., Missoula
(Add AMEL)

Watkins, William R., Missoula
Krause, Robert A., Butte
Carpenter, Douglas A., Malta
Rooney, James J., Cut Bank
Mildenberger, Brett G., Hamilton
Morrison, Jack B., Helena
Evans, Bud M., Bozeman
Taylor, Robert A., Bozeman
Gollehon, William C., Conrad
Buchanan, Ben L., East Helena
(Add CASEL)

Watne, John M., Helena
Hasler, John C., Helena
Morgan, Jr., John R., Helena
Kalloch, Judy A., Colstrip
Maxwell, James D., Great Falls

INSTRUCTOR

Ugrin, Gregory S., Miles City
(Add IRA)

Lee, William H., Bozeman
Hill, Robin F., Billings
Graf, Harold L., Great Falls
(Renew)

Van Meter, Robert W., East Helena
(Add FRH)
Werner, Wilfred A., Great Falls
(Renew)

Iacono, Ralph J., Great Falls
(Renew)
Ladd, David E., Helena
Steck, Larry E., Helena (Add FRH)
Rasmussen, John A., Great Falls
(Add FRH)

COMMERCIAL

Lumb, Peter L., Big Sky (Balloon)
Larowe, James, Circle
Blain, Almon R., Billings
Stoltz, James R., Billings
(Add MEL)
Johnson, James R., Great Falls
(Add CRH)

INSTRUMENT

Stratton, William G., Billings
Miller, Joseph, Billings
Malernee, James K., Calgary,
Alberta (CAS, MEL, IRA)
Busby, Joseph F., Columbia Falls
(Add IRH)
McKane, Andrew, Missoula
(Add IRA)
Pester, Jerome B., Hingham
(Add IRA)
Carter, Daniel L., Bozeman
(Add IRA)
Marshall, Linda H., Belgrade
(Add IRA)

ATP

Conrad, Kenneth C., Billings
Van Meter, Robert W., East Helena
(Add ARV)
Morgan, Rayburn D., Bozeman
Brodowy, Theodore A., Butte

AIRFRAME MECHANIC

Hitch, Dixon S., Malta

Calendar

September 18 to 20 — Mountain Search Pilots Clinic, Kalispell.

September 23 to 24 — Montana Aeronautics Board Meeting, Helena.

September 25 to 27 — North Dakota Flying Farmers Convention, Holiday Inn, Jamestown.

September 27 — "Open House" Fly-In Breakfast, Stevensville.

October 3 — Halloween Air Race, Great Falls to Jackpot.

October 9 to 11 — Montana Flying Farmers Convention, Lewistown.

October 17 — Montana Pilots Association Fall Fly-In and Aviation Events Day, Helena.

October 17 — Montana Antique Aircraft Association Meeting, Helena.

October 23 to 25 — Saskatchewan Flying Farmers Convention, Derrick Motor Hotel, Estevan.

Great Falls App



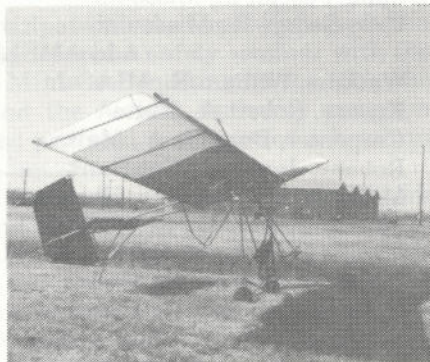
Ken Brewer, Great Falls, Chairman of the Aviation Appreciation Week.



Patty Thompson, Great Falls, ably manned the ticket desk.



Jim Driskell, left, air show announcer and Rockwell International consultant, and Art Scholl at the banquet.



Ultralight owned by Steve Barron, Spokane, on display.



Northern Knights thrill viewers with their aerobatic skills.

Great Falls sponsored an Aviation Appreciation Week August 17 through August 23. Activities during the week included a joint FAA and Montana Aeronautics Division safety seminar, a joint Montana Pilots Association and Civil Air Patrol meeting, an aviation employees reception, a joint FAA and Ultralight enthusiast meeting, an Airport Authority V.I.P. reception and press conference, and an Ultralight rally.

During the week there were special displays in the terminal at the Great Falls International Airport, including NASA's Saturn Encounter display, mockups of Boeing 757 and 767 aircraft, films and slide programs presented by airlines serving Great Falls, and a number of commercial aviation displays.

The week climaxed Saturday and Sunday, August 22 and 23, with the Great Falls Flying Festival at the International Airport.

Bob Hoover, one of the world's foremost aerobatic pilots and an executive with Rockwell International, performed in his World War II fighter plane, P-51 Mustang, and the Shrike Commander, a twin engine business aircraft produced by Rockwell International.

Among Bob's aerobatics, he pilots his Shrike Commander through stunt runs with no engine power, performing barnstormer loops, a point turn, a 180-degree bank turn, then touching down on one wheel, alternating to the other, leaving the ground, rolling, and finally landing.

Those attending the air show were also treated to Art Scholl's aerobatic skills. His career spans more than 25 years as an air show performer, competition aerobatic pilot, stunt pilot in over 100 films and commercials, aerobatic flight instructor, and contest judge. As a member of the U.S. Aerobatic Team, he has competed internationally and when he retired from competition in

Appreciation Week

1971, he left as the U.S. National and International Aerobatics Champion, with a record of nine consecutive years on the U.S. Team.

Bob and his DeHavilland "Super Chipmunk" performed maneuvers such as the outside loop to ground level, the lomcevak in which his airplane tumbles end over end, and an inverted ribbon pick-up. Bob does the lomcevak with red, white and blue smoke streaming from the wings and tail.

Steve Wolf and Steve Soper, known as the Northern Knights, thrilled audiences with their fast-paced dual aerobatics. Both fly Pitts Special S-1s and their performances included formation loops, torque rolls, head on snaps, simultaneous lomcevaks, and hammerheads.

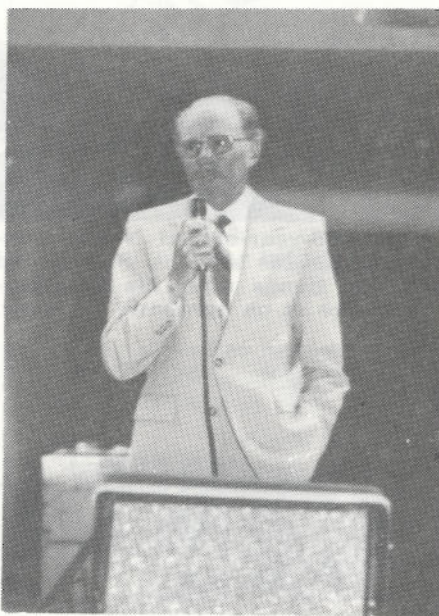
Al Newby from Belgrade performed "The Ballet of the Sky," the name given to his aerobatic show. He performs in a Great Lakes Trainer, a plane manufactured in 1931.

Newby first flew in 1937, flying planes with World War I engines. Since then he has logged in excess of 23,450 hours of flight in more than 44 years experience.

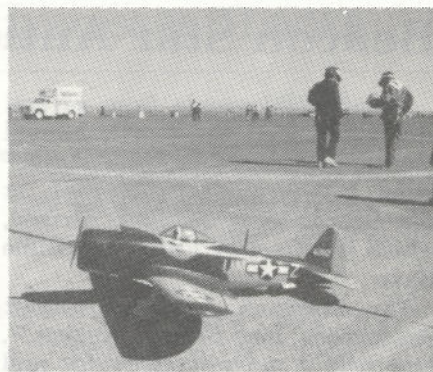
The Royal Eagle Squadron, Bud Granley and Bob Jones, performed their tight precision formation aerobatics in their Harvard AT-6. Their performance included close formation loops, rolls, opposing maneuvers and vertical rolls.

The air show also featured Mike Wigen's aerobatics in his new-generation Z-250. The Z-250, unconventional by previous aerobatic standards, has a low drag, a high horsepower engine, and a nitrous oxide injection system.

In addition, crowds were treated to a free-fall exhibition by the U.S. Skydiving Team, a World War II aircraft fly-by, Ultralight demonstrations, and a fly-by with the Canadian Forces CF-101 Voodoo jets.



Bob Hoover addresses those attending banquet.



Glen Mischke, Great Falls, displayed his radio-controlled Blue Thunderbolt T-47M.



Evelyn Sedivy, Aeronautics Division's Safety & Education Supervisor, and Morris Lindsey, Great Falls, visit during festivities.



Art Scholl and his Super Chipmunk.

Beacon Star Antique Airfield Fly-In

About 1,500 people from several states attended the fourth annual Montana Antique Aircraft Association Fly-In, August 7-9, 1981, at the Beacon Star Antique Airfield, which is owned by Frank and Billie Bass.

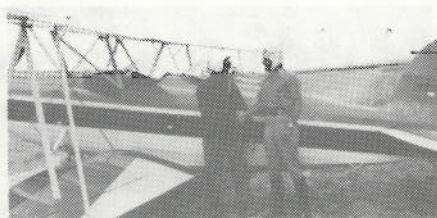
The Montana Antique Aircraft Association met Friday, August 7, and held a no-host steak fry and dance the following evening. Sunday morning featured a fly-in breakfast. Visitors enjoyed an air show which included trick flying and team and individual parachute jumping. Also on display were antique, classic, and modern airplanes from California, Washington, Oregon, Utah, Idaho, North and South Dakota, Colorado, and Montana.

Featured during the air show were "Flying Grandfather" Al Newby from Belgrade, flying his 1931 Great Lakes Trainer, and Gordon Sands from Havre, who performed aerobatic stunts in his 1974 Great Lakes Trainer.

The Bozeman Skydiving Team performed both Saturday and Sunday with a variety of skilled and colorful tricks.



Al Newby with his 1931 Great Lakes 2T-1A.



Right, 68-year-old Al Newby congratulates his student, 81-year-old Gordon Sands after his first performance at an aerobatic air show.



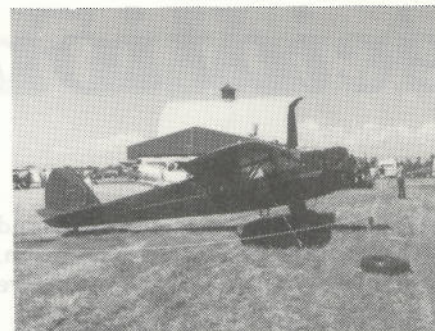
1929 Kari-Keen owned by Frank Bass.



Wayne Edsall, Bozeman, in his 1929 Curtiss Jr. Pusher.



1946 Commonwealth Skyranger owned by Dan Murray, Lewistown.



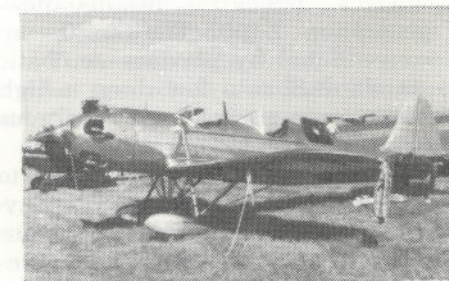
1935 Cessna Airmaster owned by Don Carter, Lafayette, California.



Chris Boeck, Bozeman, member of MSU Skydiving Team, completes one of her 250 jumps at MAAA Fly-In.



Mike Mulroney, Helena, and his 1946 Fairchild F-24R.



1941 PT22 Ryan KR56 Kinner Engine owned by Ron Chappel, San Francisco.

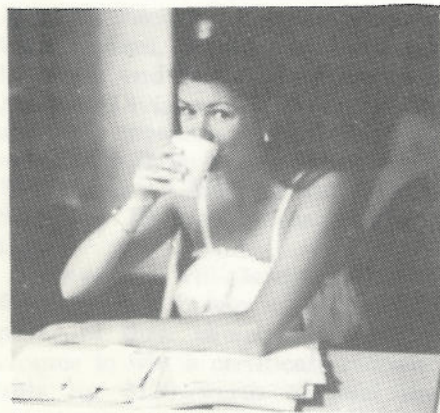
Safety Board Cautions Non-Instrument Rated Pilots

The National Transportation Safety Board urges non-instrument rated pilots to develop a "turn back" psychology when faced with adverse weather conditions.

Although a decision to turn back may cause the pilot and passengers inconvenience, the Board's accident statistics show that for many non-instrument rated pilots the alternative can be a fatal accident. Pilots should guide themselves by these rules when coping with possible weather problems along a proposed line of flight:

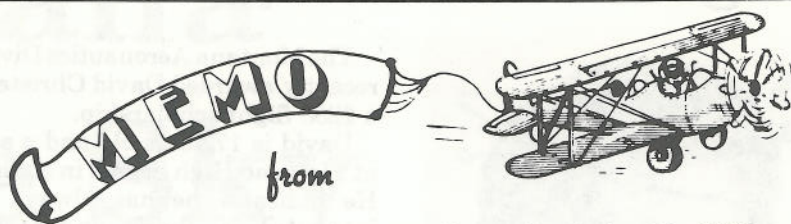
1. Get a weather briefing. Adequate briefings, properly understood and applied, are the best basis for determining whether your flight should be executed as planned.
2. Establish clearly in your mind the current enroute conditions, the enroute forecast, and the "escape route" to good weather.
3. Once you begin your flight, update your weather information frequently.
4. Unless you are instrument-proficient and have an instrument-equipped aircraft, avoid areas of low ceilings and visibilities.
5. File an appropriate flight plan.

Here's Brenda!



When you call, Brenda Spivey, Secretary for the Division, will usually answer the phone, field questions and direct you to the proper party.

Patenaude Family Expresses Thanks



A. J. 'Pat' Patenaude • Box 909 • Red Lodge, Mt. 59068

For help you sang a lovely song
or sat quietly in a chair;

For help you sent beautiful flowers,
if so, we saw them there;

For help you sent us hope or
spoke kind words,
as any friends can say;

Perhaps you were not there at all,
just thought of us that day;

Perhaps you prepared some tasty food
or maybe furnished a plane or a car;

Perhaps you rendered service unseen,
near at hand or from afar.

Whatever you did to console the heart,
we thank you so much,
—whatever—
the part.

The family of the late A. J. Patenaude

Stevensville Has New Airport

Montana's newest airport has just been completed and is ready for operation. It is located at Stevensville, 30 miles south of Missoula, in the heart of the Bitterroot Valley.

The airport has a 3,800 foot runway, two turnarounds and a paved tie-down area.

On September 27, 1981, an open house fly-in breakfast will be held from 8:00 a.m. until noon.



Mary Thoman, Helena, getting rare chance at the controls of 1931 Stinson, Jr., owned by Lear Jet pilot Phil Schultz of Lancaster, California.

Flight Scholarship Winner



The Montana Aeronautics Division recently awarded David Christensen a \$250 flight scholarship.

David is 17 years old and a senior at Flathead High School in Kalispell. He indicates he has always been interested in flying and took an aerospace class last year in school. He started his flying lessons in January of this year and received his private rating June 17.

David reports that he will use the \$250 to continue learning to fly, and he hopes to get his commercial rating and eventually become an ATP. He will use his scholarship at Stockhill Aviation in Kalispell.

Congratulations, David!



Vivienne Schrank, Jordan, and her 1947 Piper PA-12.

2,500 copies of this public document were published at an estimated cost of \$.18 per copy, for a total cost of \$447.17, which included \$230.00 for printing and \$217.17 for distribution.

MEMBER

NATIONAL ASSOCIATION OF STATE AVIATION OFFICIALS

PURPOSE— "To foster aviation, as an industry, as a mode of transportation for persons and property and as an arm of the national defense; to join with the Federal Government and other groups in research, development, and advancement of aviation; to develop uniform laws and regulations; and to otherwise encourage cooperation and mutual aid among the several states."



P.O. Box 5178

Helena, Montana 59604

September, 1981

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Plan to Attend Montana Pilots Association Fall Fly-In and Aviation Events Day, Helena, October 17.